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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/829,500	04/09/2001	Craig M. Gates	10003884-1	6732
75	90 04/30/2003			
HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400			EXAMINER	
			MUTSCHLER, BRIAN L	
Fort Collins, CO 80527-2400				
			ART UNIT	PAPER NUMBER
			1753	
			DATE MAILED: 04/30/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(a) My/-3
,	~		Applicant(s)
Office Action Summary		09/829,500	GATES ET AL.
		Examiner	Art Unit
	The MAILING DATE of this communication ap	Brian L. Mutschler	1753
Period fo	or Reply	pears on the cover sile TW	nn the correspondence address
- Exte after - If the - If NC - Failu - Any	MAILING DATE OF THIS COMMUNICATION. Insions of time may be available under the provisions of 37 CFR 1. SIX (6) MONTHS from the mailing date of this communication. In period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period irre to reply within the set or extended period for reply will, by statutore reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a oly within the statutory minimum of thin will apply and will expire SIX (6) MON	reply be timely filed ty (30) days will be considered timely. ITHS from the mailing date of this communication.
1)	Responsive to communication(s) filed on		·
2a)□		-	
3)		nis action is non-final.	
,	Since this application is in condition for allows closed in accordance with the practice under on of Claims	ance except for formal ma Ex parte Quayle, 1935 C.I	tters, prosecution as to the merits is D. 11, 453 O.G. 213.
4)🛛	Claim(s) 1-18 is/are pending in the application	1. ·	· ·
•	4a) Of the above claim(s) is/are withdra	wn from consideration.	
	Claim(s) is/are allowed.		
6)	Claim(s) is/are rejected.	•	
_	Claim(s) is/are objected to.		
8)	Claim(s) 1-18 are subject to restriction and/or	election requirement	
Application	on Papers	o de la compania de l	
9)□ T	The specification is objected to by the Examine	r.	
10) 🔲 T	he drawing(s) filed on is/are: a)☐ accep	oted or b) objected to by the	ne Examiner.
	Applicant may not request that any objection to the	e drawing(s) be held in abeya	nce. See 37 CFR 1.85(a).
11)∐ T	he proposed drawing correction filed on	_is: a)□ approved b)□ di	sapproved by the Examiner.
	If approved, corrected drawings are required in rep	bly to this Office action.	
	he oath or declaration is objected to by the Exa	aminer.	
Priority u	nder 35 U.S.C. §§ 119 and 120		·
13) 🗌 📝	Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. §	119(a)-(d) or (f).
	All b)☐ Some * c)☐ None of:		,
•	1. Certified copies of the priority documents	have been received.	
2	2. Certified copies of the priority documents	have been received in Ap	plication No.
	B. Copies of the certified copies of the priori application from the International Bur se the attached detailed Office action for a list of	ity documents have been r eau (PCT Rule 17 2(a))	eceived in this National Stage
	knowledgment is made of a claim for domestic		
a)	☐ The translation of the foreign language provious the contraction of the foreign language provious transfer is made of a claim for domestic	isional application has be	en received
Attachment(s	s)	priority under 35 U.S.C. S	29 120 and/01 121.
Notice (2) Notice (3) Informa	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) ation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Inf	ummary (PTO-413) Paper No(s) ormal Patent Application (PTO-152)
Patent and Trad O-326 (Rev.	04.043	ion Summary	Part of Paper No. 3

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 1-14, drawn to a method for making a mandrel, classified in class
 205, subclass 70.
 - II. Claims 15, 17 and 18, drawn to a mandrel, classified in class 428, subclass 411.1.
 - III. Claim 16, drawn to an ink-jet printhead, classified in class 347, subclass20.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions of Group I and Groups II and III are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the mandrel can be made using a different process, such as etching a glass substrate followed the formation of the metal layer without the steps of making a father mandrel or a mother mandrel. The ink-jet printhead could be made using a mandrel made by another method or by a different mandrel.

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- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
- 4. A telephone call was made to Mr. Manuel Quiogue on April 24, 2003, to request an oral election to the above restriction requirement, but did not result in an election being made. (Several attempts to reach Mr. Quiogue at the telephone number 360-212-0104 were made, but the operator was not able to locate Mr. Quiogue.)

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian L. Mutschler whose telephone number is (703) 305-0180. The examiner can normally be reached on Monday-Friday from 8:00am to 4:30pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (703) 308-3322. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

blm April 24, 2003 SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700